

IN THE CLAIMS:

1. (Currently Amended) A method for analyzing and utilizing intellectual property (IP) information, comprising steps of:

(a) registering search strategy formulas for extracting IP information into a IP information extraction unit;

(b) accessing and searching Internet websites that provide IP information based on the registered search strategy formulas, and extracting first IP information according to the search;

(c) converting the first IP information to a standard form and storing the first IP information, and transmitting the first IP information converted in the standard form to a research center analyzing unit;

(d) discarding the first IP information upon a determination by the research center analyzing unit that the first IP information is not related to at least one project accessible by the research center analyzing unit;

(e) if the first IP information is determined to include IP information that is related to the least one project, accessing the Internet websites and extracting second IP information corresponding to the first IP information upon a request for detailed information; and

(f) converting the second IP information to the standard form and storing and transmitting the second IP information converted in the standard form to the research center analyzing unit,

wherein the step (c) includes steps of:

determining if third IP information has been received from the research center analyzing unit, the third IP information including technical analyses and opinion contents; and

storing the third IP information upon receiving the third IP information, and wherein the IP information extraction unit stores a plurality of predetermined keywords.

2. (Canceled)

3. (Previously Presented) The method of claim 1, wherein step (e) includes steps of:

determining if fourth IP information has been received from the research center analyzing unit, the fourth IP information including technical analyses and opinion contents; and

storing the fourth IP information upon receiving the fourth IP information.

4. (Currently Amended) A computer-based system for analyzing and utilizing intellectual property (IP) information, comprising:

an IP information extraction unit, which is coupled to an IP information analyzing unit, for extracting IP information according to operation of software from at least one on-line IP information database (DB) found on the Internet or on a network and providing the extracted IP information to the IP information analyzing unit,

wherein the IP information analyzing unit controls the operation of the software, receives the extracted IP information and stores the same together with data containing opinion contents of the extracted IP information from a research center analyzing unit, and outputs the extracted IP information; and

an E-mail receiving/transmitting unit for transmitting the extracted IP information outputted from the IP information analyzing unit to the research center analyzing unit, and receiving feedback of the data containing the opinion contents from the research center analyzing unit,

wherein the research center analyzing unit is coupled to the IP information extraction unit and wherein the research center analyzing unit determines whether the extracted IP information includes IP information that is related to at least one project accessible by the research center analyzing unit, and discarding the IP information upon a determination that the IP information is not related to the at least one project accessible by the research center analyzing unit, and if the extracted IP information is determined to include IP information that is related to the at least one project, requesting detailed information corresponding to the IP information that is related to the at least one project from the IP information extraction unit,

wherein the IP information extraction unit comprises:

a front page extraction unit for requesting front pages of IP information according to a universal resource locator (URL) for accessing the on-line IP information DB, and pre-registered access information including an access period, technical classifications, and a search format, and receiving and outputting the front pages, and wherein the IP information extraction unit stores a plurality of predetermined keywords.

5. (Previously Presented) The computer-based system of claim 4, wherein the IP information extraction unit further comprises:

a data converter for converting front page data and outputting the same to the IP information analyzing unit; and

a specialized information extraction unit for requesting specialized IP information according to a URL for accessing the on-line IP information DB, and pre-registered access information including an access period, technical classifications, and a search format, and receiving and outputting the specialized IP information.

6. (Previously Presented) The computer-based system of claim 4, wherein the IP information analyzing unit comprises:

a first DB for storing patent team opinion contents of at least one of front pages or specialized pages;

a second DB for storing research center opinion contents of at least one of front pages or specialized pages;

a quantitative analysis unit for outputting predetermined quantitative analysis graphs;

a management module for generating technical classifications and search strategy formulas for extracting IP information; and

a DB management unit for receiving the front pages or specialized pages from the IP information extraction unit and storing this information in the first DB, storing the research center opinion contents received from the research center analyzing unit in the

second DB, and outputting signals for generating analysis graphs to the quantitative analysis unit.

7. (Previously Presented) The computer-based system of claim 4, wherein extraction periods of the IP information extraction unit are in real-time or programmed at predetermined intervals.

8. (Canceled)

9. (Previously Presented) The computer-based system of claim 4, wherein the IP information analyzing unit separates and displays analyzed data and data that have not been analyzed.

10. (Previously Presented) The computer-based system of claim 4, wherein the E-mail receiving/transmitting unit registers a plurality of predetermined E-mail addresses according to subject or field.

11. (Currently Amended) A computer-based system for analyzing and utilizing intellectual property (IP) information, comprising:

an IP information extraction unit, which is coupled to an IP information analyzing unit, for extracting IP information according to operation of software from at least one on-line IP information database (DB) found on the Internet or on a network and providing the extracted IP information to the IP information analyzing unit,

wherein the IP information analyzing unit controls the operation of the software, provides technical classifications and search strategy formulas to the IP information extraction unit, receives the extracted IP information and stores the same together with data containing opinion contents of the extracted IP information from a research center analyzing unit, and outputs the extracted IP information; and

an E-mail receiving/transmitting unit for transmitting the extracted IP information outputted from the IP information analyzing unit to the research center analyzing unit,

and receiving feedback of the data containing the opinion contents from the research center analyzing unit,

wherein the research center analyzing unit is coupled to the IP information extraction unit and wherein the research center analyzing unit determines whether the extracted IP information includes IP information that is related to at least one project accessible by the research center analyzing unit, and if the extracted IP information is determined to include IP information that is related to the at least one project, requesting detailed information corresponding to the IP information that is related to the at least one project from the IP information extraction unit, and discarding the IP information upon a determination that the IP information is not related to the at least one project accessible by the research center analyzing unit, and

wherein the IP information extraction unit stores a plurality of predetermined keywords.

12. (Previously Presented) The computer-based system of claim 11, wherein the IP information extraction unit comprises:

a front page extraction unit for requesting front pages of IP information according to a universal resource locator (URL) for accessing the on-line IP information DB, and pre-registered access information including an access period, technical classifications, and a search format, and receiving and outputting the front pages;

a data converter for converting front page data and outputting the same to the IP information analyzing unit; and

a specialized information extraction unit for requesting specialized IP information according to a URL for accessing the on-line IP information DB, and pre-registered access information including an access period, technical classifications, and a search format, and receiving and outputting the specialized IP information.

13. (Previously Presented) The computer-based system of claim 11, wherein the IP information analyzing unit further comprises:

a first DB for storing patent team opinion contents of at least one of front pages or specialized pages;

a second DB for storing research center opinion contents of at least one of front pages or specialized pages;

a quantitative analysis unit for outputting predetermined quantitative analysis graphs; and

a DB management unit for receiving the front pages or specialized pages from the IP information extraction unit and storing this information in the first DB, storing the research center opinion contents received from the research center analyzing unit in the second DB, and outputting signals for generating analysis graphs to the quantitative analysis unit.

14. (Previously Presented) The computer-based system of claim 11, wherein extraction periods of the IP information extraction unit are in real-time or programmed at predetermined intervals.

15. (Canceled)

16. (Previously Presented) The computer-based system of claim 11, wherein the IP information analyzing unit separates and displays analyzed data and data that have not been analyzed.

17. (Previously Presented) The computer-based system of claim 11, wherein the E-mail receiving/transmitting unit registers a plurality of predetermined E-mail addresses according to subject or field.

18. (Previously Presented) The computer-based system of claim 14, wherein the predetermined intervals are determined based on the number of times a user connects to the computer-based system for analyzing and utilizing IP information.